Practitioner's Docket No. 302.05-US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231

Inventor: **Aqua Conservation Systems, Inc.**	Examiner: **Not Yet Assigned**
Serial No: **U.S. National Phase Based on PCT/US00/18705**	Art Unit: **Not Yet Assigned**
Filed: **July 7, 2000**	
For: **Irrigation Controller Using Regression Model**	

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Following is a clean copy of the claims amended herein:

IN THE CLAIMS:

1. (Amended) An irrigation controller comprising:

a memory that stores a regression model;

a microprocessor that applies a current value for an environmental factor to the regression

model to estimate a current evapotranspiration rate (estimated ETo); and

a mechanism that uses the estimated ETo to affect an irrigation schedule executed by the

controller.

REMARKS

This paper responds to rejections set forth in the International Preliminary Examination Report of PCT/US00/18705.

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